

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	91	authentication center AND ("713".clas. OR "726".clas.) AND (@pd<"20010503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/22 13:35
L2	6	service provider AND client AND authentication center AND ("713".clas. OR "726".clas.) AND (@pd<"20010503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/22 14:07
L3	22	service provider AND (client OR mobile station) AND authentication center AND ("713".clas. OR "726".clas.) AND (@pd<"20010503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/22 14:28
L4	12	service provider AND validat\$3 AND authentication center AND ("713".clas. OR "726".clas.) AND (@pd<"20010503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/22 14:11
L5	0	(service provider NEAR validat\$3) AND authentication center AND ("713".clas. OR "726".clas.) AND (@pd<"20010503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/22 14:11
L6	3	(service provider SAME validat\$3) AND authentication center AND ("713".clas. OR "726".clas.) AND (@pd<"20010503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/22 14:11
L7	0	service provider AND (client OR mobile station) AND central authenticator AND ("713".clas. OR "726".clas.) AND (@pd<"20010503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/22 14:29
L8	10	service provider AND (client OR mobile station) AND central authentication AND ("713".clas. OR "726".clas.) AND (@pd<"20010503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/22 14:40

## EAST Search History

L9	36	client AND server AND central authentication AND ("713".clas. OR "726".clas.) AND (@pd<"20010503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/22 14:40
S1	263	713/186.ccls. AND (@pd<"20010503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/26 15:39
S2	2	"6219793".pn.	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/26 10:22
S3	2	"6166370".pn.	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/26 10:22
S4	2	"6038465".pn.	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/26 10:23
S5	2	"5872834".pn.	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/26 10:23
S6	2	"5787187".pn.	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/26 10:23
S7	2	"4977601".pn.	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/26 10:23
S8	1	("WO-9954851-A1").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/02/26 10:23

## EAST Search History

S9	1	("WO-9945690-A1").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/02/26 10:25
S10	1	("WO-9908238-A1").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/02/26 10:25
S11	1	("EP-1205884-A2").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/02/26 10:26
S12	30	voice recognition AND 713/186.ccls. AND (@pd<"20010503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/26 15:39
S13	36	(audio OR sound) AND (signature OR fingerprint) AND voice AND 713/186.ccls. AND (@pd<"20010503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/26 15:41
S14	7	(microphone OR audio receiver) AND (audio transmitter OR speaker OR loudspeaker) AND (signature OR fingerprint) AND voice AND 713/186.ccls. AND (@pd<"20010503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/26 15:48
S15	28	(tone receiver OR microphone OR audio receiver) AND (tone transmitter OR audio transmitter OR speaker OR loudspeaker) AND (signature OR fingerprint) AND voice recognition AND ("380".clas. OR "713".clas. OR "726".clas.) AND (@pd<"20010503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/26 16:33
S16	210	telephone AND voice recognition AND ("380".clas. OR "713".clas. OR "726".clas.) AND (@pd<"20010503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/26 16:33
S17	182	network AND telephone AND voice recognition AND ("380".clas. OR "713".clas. OR "726".clas.) AND (@pd<"20010503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/26 16:34

## EAST Search History

S18	67	telecommunication AND network AND telephone AND voice recognition AND ("380".clas. OR "713".clas. OR "726".clas.) AND (@pd<"20010503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/26 16:34
S19	15	biometric AND telecommunication AND network AND telephone AND voice recognition AND ("380".clas. OR "713".clas. OR "726".clas.) AND (@pd<"20010503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/26 16:47
S20	8	biometric AND telecommunication AND cellular AND telephone AND voice recognition AND ("380".clas. OR "713".clas. OR "726".clas.) AND (@pd<"20010503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/26 16:47
S21	200	(telecommunication OR telephone) AND cellular AND (voice recognition OR biometric) AND ("380".clas. OR "713".clas. OR "726".clas.) AND (@pd<"20010503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/26 16:48
S22	200	(telecommunication OR telephone) AND cellular AND (audio recognition OR voice recognition OR biometric) AND ("380".clas. OR "713".clas. OR "726".clas.) AND (@pd<"20010503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/26 16:48
S23	115	(speaker OR transmitter OR audio output) AND (microphone OR receiver OR audio input) AND (telecommunication OR telephone) AND cellular AND (audio recognition OR voice recognition OR biometric) AND ("380".clas. OR "713".clas. OR "726".clas.) AND (@pd<"20010503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/27 07:35
S24	1749	(speaker OR transmitter OR audio output) AND (microphone OR receiver OR audio input) AND (telecommunication OR telephone) AND cellular AND (audio recognition OR voice recognition OR biometric) AND (@pd<"20010503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/27 07:35

## EAST Search History

S25	1768	(loudspeaker OR speaker OR transmitter OR audio output) AND (microphone OR receiver OR audio input) AND (telecommunication OR telephone) AND cellular AND (audio recognition OR voice recognition OR biometric) AND (@pd<"20010503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/27 07:36
S26	1524	network AND (loudspeaker OR speaker OR transmitter OR audio output) AND (microphone OR receiver OR audio input) AND (telecommunication OR telephone) AND cellular AND (audio recognition OR voice recognition OR biometric) AND (@pd<"20010503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/27 07:36
S27	570	(signature OR fingerprint) AND network AND (loudspeaker OR speaker OR transmitter OR audio output) AND (microphone OR receiver OR audio input) AND (telecommunication OR telephone) AND cellular AND (audio recognition OR voice recognition OR biometric) AND (@pd<"20010503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/27 07:36
S28	492	(produce OR produced OR producing) AND (receive OR received OR receiving) AND (signature OR fingerprint) AND network AND (loudspeaker OR speaker OR transmitter OR audio output) AND (microphone OR receiver OR audio input) AND (telecommunication OR telephone) AND cellular AND (audio recognition OR voice recognition OR biometric) AND (@pd<"20010503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/27 07:37
S29	569	(sent OR send OR transmit OR produce OR produced OR producing) AND (receive OR received OR receiving) AND (signature OR fingerprint) AND network AND (loudspeaker OR speaker OR transmitter OR audio output) AND (microphone OR receiver OR audio input) AND (telecommunication OR telephone) AND cellular AND (audio recognition OR voice recognition OR biometric) AND (@pd<"20010503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/27 07:38

## EAST Search History

S30	569	(sent OR send OR transmit OR produce OR produced OR producing) AND (receive OR received OR receiving) AND (signature OR fingerprint) AND network AND (loudspeaker OR speaker OR transmitter OR audio output) AND (microphone OR receiver OR audio input) AND (telecommunication OR telephone) AND cellular AND (audio recognition OR voice recognition OR biometric) AND (@pd<"20000503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/27 07:40
S31	550	(determine OR determining OR determined) AND (sent OR send OR transmit OR produce OR produced OR producing) AND (receive OR received OR receiving) AND (signature OR fingerprint) AND network AND (loudspeaker OR speaker OR transmitter OR audio output) AND (microphone OR receiver OR audio input) AND (telecommunication OR telephone) AND cellular AND (audio recognition OR voice recognition OR biometric) AND (@pd<"20000503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/27 07:40
S32	501	(conduct OR conducting OR conducted OR execute OR executed OR executing) AND (determine OR determining OR determined OR judge OR judged OR judging) AND (sent OR send OR transmit OR produce OR produced OR producing) AND (receive OR received OR receiving) AND (signature OR fingerprint) AND network AND (loudspeaker OR speaker OR transmitter OR audio output) AND (microphone OR receiver OR audio input) AND (telecommunication OR telephone) AND cellular AND (audio recognition OR voice recognition OR biometric) AND (@pd<"20000503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/27 07:41

## EAST Search History

S33	421	identity AND (conduct OR conducting OR conducted OR execute OR executed OR executing) AND (determine OR determining OR determined OR judge OR judged OR judging) AND (sent OR send OR transmit OR produce OR produced OR producing) AND (receive OR received OR receiving) AND (signature OR fingerprint) AND network AND (loudspeaker OR speaker OR transmitter OR audio output) AND (microphone OR receiver OR audio input) AND (telecommunication OR telephone) AND cellular AND (audio recognition OR voice recognition OR biometric) AND (@pd<"20000503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/27 07:41
S34	0	earpiece AND mouthpiece AND identity AND (conduct OR conducting OR conducted OR execute OR executed OR executing) AND (determine OR determining OR determined OR judge OR judged OR judging) AND (sent OR send OR transmit OR produce OR produced OR producing) AND (receive OR received OR receiving) AND (signature OR fingerprint) AND network AND (loudspeaker OR speaker OR transmitter OR audio output) AND (microphone OR receiver OR audio input) AND (telecommunication OR telephone) AND cellular AND (audio recognition OR voice recognition OR biometric) AND (@pd<"20000503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/27 07:42
S35	29	ultrasonic AND identity AND (conduct OR conducting OR conducted OR execute OR executed OR executing) AND (determine OR determining OR determined OR judge OR judged OR judging) AND (sent OR send OR transmit OR produce OR produced OR producing) AND (receive OR received OR receiving) AND (signature OR fingerprint) AND network AND (loudspeaker OR speaker OR transmitter OR audio output) AND (microphone OR receiver OR audio input) AND (telecommunication OR telephone) AND cellular AND (audio recognition OR voice recognition OR biometric) AND (@pd<"20000503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/27 07:43

## EAST Search History

S36	29	voice AND ultrasonic AND identity AND (conduct OR conducting OR conducted OR execute OR executed OR executing) AND (determine OR determining OR determined OR judge OR judged OR judging) AND (sent OR send OR transmit OR produce OR produced OR producing) AND (receive OR received OR receiving) AND (signature OR fingerprint) AND network AND (loudspeaker OR speaker OR transmitter OR audio output) AND (microphone OR receiver OR audio input) AND (telecommunication OR telephone) AND cellular AND (audio recognition OR voice recognition OR biometric) AND (@pd<"20000503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/27 07:49
S37	18	biometric AND voice AND ultrasonic AND identity AND (conduct OR conducting OR conducted OR execute OR executed OR executing) AND (determine OR determining OR determined OR judge OR judged OR judging) AND (sent OR send OR transmit OR produce OR produced OR producing) AND (receive OR received OR receiving) AND (signature OR fingerprint) AND network AND (loudspeaker OR speaker OR transmitter OR audio output) AND (microphone OR receiver OR audio input) AND (telecommunication OR telephone) AND cellular AND (audio recognition OR voice recognition) AND (@pd<"20000503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/27 07:50
S38	76	acoustic AND biometric AND voice AND ultrasonic AND (signature OR fingerprint) AND recognition AND (@pd<"20000503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/27 09:08
S39	76	acoustic AND biometric AND (voice OR speech) AND ultrasonic AND (signature OR fingerprint) AND recognition AND (@pd<"20000503" or @ad<"20010503" or @prad<"20010503" or @rlad<"20010503")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/27 09:09
S40	2	"6507662".pn.	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/27 09:12
S41	2	"5465290".pn.	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/27 10:26



## EAST Search History

S42	2	"5414755".pn.	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/27 10:26
S43	2	"5787187".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/15 09:25
S44	4	"5757187".pn. OR "20020057805".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/17 11:00